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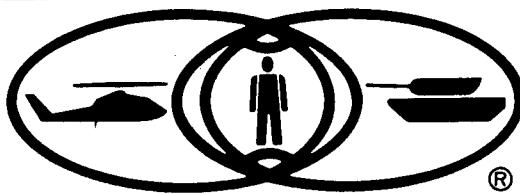
4
EDITION

JULY 93

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- INDEX TO -

**U.S. ARMY
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U.S. ARMY SAFETY CENTER

About This Index

"And there I was, smack in the middle of a good free-for-all discussion and, while I just knew I was right, I couldn't remember the reference!" How many times has that happened to you when challenged to "go to the book"? Such a situation is what led Al Cargen, then an Air Safety Specialist with Aviation Division, Headquarters, 5th U.S. Army to put together the original quick reference listing of subjects to directives. This edition is the fourth update of that original listing and, while it may not contain every possible subject you may run into, it's a good start in that direction. And now, properly armed, it's back to the "campfire" to dazzle your buddies—unless, of course, they also have a copy.

Al Cargen is currently owner of the Aviation Safety Organization headquartered in San Antonio, TX. His organization compiled the basic information and provided it free of charge to the Army Safety Center.

NOTE: The information is intended to serve as a quick reference. Because of the changing nature of publications, only the basic reference is noted in most cases (annotations to page and paragraph numbers have been omitted unless considered critical or to avert possible confusion).

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DoD Directive 5230.24, "Distribution Statements on Technical Documents," 18 Mar 87, contains **seven distribution statements**, as
described **briefly** above. Technical Documents must be assigned distribution statements.

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A

Acceptance inspection: FM 1-511; TM 1-1500-328-23

Accessories: TM 1-1500-328-23; aircraft component replacement and reuse procedures

Accident classification: AR 385-40; DOD Supplement 6055.7

Accident prevention program duties: AR 385-95

Accident prevention surveys: AR 385-95; Guide to Aviation Resources

Management for Aircraft Mishap Prevention

Accident reporting and investigation: AR 385-40

a. Investigation authority: AR 385-40

b. Safeguarding mishap information: AR 385-40; AR 385-95

c. Investigation responsibility: AR 385-40, chapters 1 and 5; AR 385-95

d. Participating in a military or civilian aircraft accident safety investigation: AR 95-30

Acoustical noise level in aircraft, general specifications: DA Pam 40-501

Aerobatic flight: AR 95-1

Aerial flight, personnel requested to make: AR 95-1

Aerial gunnery: TC 1-140

Aerial recovery kit: TM 55-1670-251-20 & 20P

Aeronautical Services Office: AR 95-2

Aeronautical training for flight personnel: FM 1-301

Aircraft defueling: FM 10-68

Aircraft forms and records: DA Pam 738-751

Aircrewmen defined: AR 40-8

Air search and rescue: AR 95-1; AR 500-2; FM 20-150

Air traffic clearances: AR 95-1

Air traffic control facilities and procedures: AR 95-2; TC-95-93

Air traffic control, general provisions: AR 95-3

Aircraft accident investigation, medical aspects: AR 40-21

Aircraft mishap report and release of information: AR 95-1; AR 385-40

Aircraft (aeronautical) equipment maintenance management policies and procedures: TM 1-1500-328-23

Aircraft carrying live armament: AR 95-27; TM 9-1300-206; TM 38-250

Aircraft ground operations (nonrated personnel): AR 95-1

Aircraft hurricane evacuation: AR 95-87

Aircraft pilot-in-command: AR 95-1

Aircraft refueling: FM 10-68

Aircraft rockets, 2.75-inch: TM 9-1340-22-20

Aircraft weight and balance: AR 95-1; TM 55-1500-342-23

Aircraft checklist: AR 95-1

Aircrew information reading file: AR 95-1; FM 1-300
Aircraft and heliport air traffic activity: AR 95-1
Airfield operations: FM 1-300
Airport, use of: AR 95-1
Airspace responsibility and procedures: AR 95-2
Alcohol, blood test for: AR 600-85
ALSE inspection requirements: FM 1-508 series
Alternative to Army aircraft: AR 750-1
Altitude training: AR 40-8
Analysis, teardown: DA Pam 385-95; DA Pam 738-751
Ammunition care, handling, preservation and destruction: TM 9-1300-206
Ammunition on aircraft gun: TM 9-1901-1
Annual Aviator Proficiency and Readiness Test (AAPART): AR 95-1
Annual physical: AR 40-501
Annual requirement and qualification: AR 95-1; appropriate ATM
Armament systems for helicopters:
a. M28A1: TM 9-1090-203-12
b. XM156: TM 9-1090-204-12
c. M23, M24, M41: TM 9-1005-262-13
d. Tow MK45: TM 9-1370-201-12
Army adopted other item: SB 700-20
Army airfield/heliport operational and maintenance facilities: TM 5-823-4
Army aircraft PM inspection system: TM 1-1500-328-23 (Transfer
Inspection)
Army aircraft, use of: AR 95-1
Army respiratory protection program: AR 11-34
Army training: AR 350-1
ASO required at unit level: Appropriate TOE requirement; AR 385-10
ASO represents the commander: AR 385-95; AR 385-10
Assistance of USASC: AR 385-95
Authorized use of Army aircraft: AR 95-1
Authorized personnel to operate Army aircraft: AR 95-1
Automatic sprinkler systems (fire suppression) in aircraft hangars: AR
420-90
Aviation life support equipment: TM 1-1500-204-23-1; AR 95-1
Aviation safety officer responsibilities: AR 385-95
Aviator safety responsibilities: AR 395-95
Avionics equipment storage in newly assigned aircraft: SB 11-620
Avionics float equipment: AR 750-1
AVUM/A VIM personnel: AR 570-2
AVIM requirements: TM 55-1520-237-23-7
Award, Broken Wing: AR 672-74

Award, safety: AR 672-74
Awarding of aeronautical designations (wings): AR 600-106; AR 600-105;
AR 672-74

B

Batteries, lead acid, aircraft: TB 11-6140-219-35/1
Batteries, nicad: TM 11-6140-203-14-2
Battery disconnected during maintenance: National Fire Code
Bearing: TM 55-1500-322-24 (Maintenance of Aircraft Anti-Friction
Bearing), page 3-59
Blood donations, drugs, shots, grounding of aircrewman: AR 40-8
Blood test for alcohol or drugs: AR 600-85
Boards, flight evaluation: AR 600-8-1; AR 600-105; AR 15-6
Brakes: TM 55-1500-204-23-1 or appropriate organizational maintenance
TM for specific wheeled/track vehicle
Briefing, flight: Chapter 8, appropriate dash-10: FM 1-300; AR 95-1
Broken Wing Award: AR 672-74

C

Calibration pro APU test stand: TB 55-4920-327-50
Calibration series: TB 55-4920 series
Calibration schedule: TB 43-180
Cannibalization: AR 750-1
Category and types of aircraft ID: AR 70-50 (AFR 82-1)
CH-47 Chinook internal and external loads: FM 55-450-2, -3, -4, & -5
Changing the flight plan: AR 95-1
Charging of aircraft accident: AR 385-40
Checklist, aircrew: AR 95-1
Checklist for medical information on aircraft mishap: AR 40-21
Civilian flight time: AR 95-1
Civilian medevac, local installation commander: DOD 4515.13-R
Civilian VIP passenger: AR 95-1; DOD 4515.13R
Classification accidents: AR 385-40
Cleaning procedures for Army aircraft: TM 55-1500-344-23
Clearance authority: AR 95-1
Clearance files (DD Form 175, maintain for 3 months): AR 25-400-2

Clearance, parked fixed wing tips: TM 5-803-4
Climate and terrain training: AR 95-1
Closing flight plans: AR 95-1
Clothing, protective: AR 95-1; AR 385-10; AR 670-1; DA Pam 385-3; FM 21-18
Collateral investigation (will be conducted whenever an accident investigation is conducted): AR 385-95; AR 15-6
Color and marking of military vehicles, construction equipment, and materiel-handling equipment: TB 43-0209
Color coding of hazardous power sources: AR 385-30
Color coding of physical hazards: AR 385-30
Command of aircraft and passengers: AR 95-1
Command safety director responsibilities: AR 385-10; AR 385-95
Commander's responsibility for Army aircraft: AR 95-1; AR 385-95
Commander's responsibilities (Army aircraft accident prevention, investigation, and reporting is a command responsibility): AR 385-95
Commercial communication (Western Union): AR 385-40
Community relations: AR 360-61
Compasses, mag and RMI, calibration schedule and procedures: TM 11-4920-292-15
Component repair kits: TM 1-1500-328-23
Component replacement: TM 1-1500-328-23 (aircraft component and replacement and reuse procedures)
Component: TM 1-1500-328-23, section 7 (to be installed and retained with uninstalled aircraft engine); DA Pam 738-751 (components requiring maintenance management and historical data)
Components removed from crash-damaged aircraft: TM 1-1500-328-23
Composite flight plan: AR 95-1; FLIP
Computing flight time: AR 95-1
Conservation of hearing: FM 1-301; DA Pam 40-501
Containers used for preflight fuel sampling: FM 10-68
Control of hazards to health from microwave radiation: TB Med 523
Controls, laser radiation health hazard: TB Med 524; AR 40-46
Copies of accident report and distribution: AR 385-40
Copilot requirements: AR 95-1
Copper run-out: TM 1-1500-328-23
Correspondence, preparing: AR 25-50
Corrosion treatment: TM 55-1500-344-23
Cost (average CONUS depot maintenance cost and man-hours for selected items: TB 750-97 series
Council, safety: AR 385-10 (chapter 2); AR 95-1; AR 385-95
Crash facts message (PRAM): AR 385-40

Crash investigation kit, T/K: NSN 5180-00-903-1049; SC 5180-99-CL-A11; AR 385-95
Crashworthiness, light fixed and rotary wing aircraft: Mil-STD-1290(AV)
Crash site security: AR 385-95; FM 1-513
Crew endurance and flight limits: AR 95-1
Cube: TB 55-46-2 (Standard Characteristics (Dom & WT & Cube) for Transportability of Military Vehicle and Equipment)
Currency requirement, pilots: AR 95-1; appropriate ATM

D

Dangerous cargo: AR 95-27 (Operational Procedures for Aircraft Carrying Hazardous Material); TM 38-250 (Packing and Materials Handling—Preparation of Hazardous Material for Military Shipment)
Decontamination of aircraft: FM 3-5
Definition of accident: AR 385-40
Definition of aviation terms: AR 95-1
Definition of ground accident: AR 385-40
Definition of mishap: AR 95-1
Depot maintenance cost for selected item (including aircraft components)
depot cost for aircraft: TB 750-97 series
Desert operations (aviation, including NVG): Appendix E (draft), TC 1-204, Feb 91
Designated smoking areas: AR 600-38
Designating and naming military aircraft: AR 70-50
Destruction of Army aircraft (to prevent enemy use): AR 735-11; TM 750-244-1-5
Deviation from AR 95-1 and FAA regs in an emergency: AR 95-1
Dimensions: TB 55-46-1 (Standard Characteristic (D&W and Cube) for Transportability of Military Vehicle and Equipment)
Direction bolts installation: TM 55-1500-204-25/1
Disk, identification, individual, wearing of: AR 95-1; AR 640-3
Display and demonstrations of aircraft: AR 360-61
Distress signals: DOD Flip; FAA Airman's Information Manual
Distribution of accident reports: AR 385-40
Distribution of Army aircraft: AR 725-50
Drip pans (under engine, emptied daily): TM 1-1500-204-23-1
Driver, vehicle, selection, testing, licensing: AR 385-55; AR 600-55; AR 611-5; FM 21-305; FM 55-30
Driving, vehicle:

Driving too fast: FM 21-305, para 8-6a
Turning motor vehicle: FM 21-305, para 7-4 and 12-3
Ground guide (wheel): FM 21-305, para 7-6a
Field of view (driver): FM 21-305, para 7-6a
Driving techniques (clutch): FM 21-305, para 9-3a
Backing vehicle: FM 21-305, para 7-6 a and b
Vehicle door while in motion: FM 21-305, para 7-6c
Changing lanes (wheel): FM 21-305, para 7-4 and 12-3b
Proper attention to road: FM 21-305, para 2-6 and 18-1
Running off the road: FM 21-305, para 15-4
Avoiding collisions: FM 21-305, para 8-5a
Loading personnel (tailgate): FM 21-305, para 17-8
Transporting personnel: FM 21-305, para 21-1d
Ground guide (track): FM 21-306, para 12 f-g
Wearing of head gear: FM 21-306, para 12(1)
Vehicle, judgment of clearance: FM 21-306

E

Equipment improvement recommendation (EIR): TM 38-750
Ejection seat pyrotechnics: TM 1-1500-204-23a
Electrical hazards, appropriate color codes: AR 385-30
Emergency deviation from AR 95-1 and FAA regs: AR 95-1
Engine conditioning: TM 1-1500-204-23-1
Enlisted safety council: AR 385-95
Exogenous factors: AR 40-8

F

FAA flight service interphone communications system procedures: AR 95-1
FAA involvement in Army aircraft accident: AR 95-30
FAA Reg and AR 95-1 emergency deviation: AR 95-30
Facilities, planning of Army aviation: TM 5-803-4
Failure to meet requirements: AR 95-1
Failure to meet written exam portion of AAPART: AR 95-1
Fire (smoke) detection/alarm systems: AR 420-90
Fire extinguisher, available during refueling: FM 10-68; FM 1-500
Fire extinguisher required: AR 95-1

Fire extinguisher tags: TM 5-315
Fire extinguishers, general use: AR 420-90
Firefighting and rescue: AR 420-90; FM 1-300
Firefighting equipment: AR 420-90
Fire lane aisle (4- to 6-inch yellow stripe): AR 385-30
Fire prevention and protection: AR 420-90
Fire ammunition for training, target practice and combat: AR 385-63
Firing guided missiles and heavy rockets for training, target practice and combat: AR 385-62
First aid kits in aircraft: AR 95-3; TM 1-1500-328-23
Flares: TM 9-1370-202-12; TM 55-1500-204-23-1
Flight briefing: AR 95-1
Flight checks, currency: AR 95-1; CTA 50-900; DA Pam 385-3
Flight deviation: AR 95-1
Flight information: AR 95-2
Flight limits and crew endurance: AR 95-3
Flight operations: FM 1-300
Flight pay certification: AR 95-1
Flight physical: AR 95-1
Flight plan: AR 95-1
Flight plans, closing of: AR 95-1
Flight plans, disposition of files: AR 25-400-2
Flight record folder, individual and flight certification: AR 95-1
Flight regulations: AR 95-1
Flight status orders: AR 600-106
Flight status suspending orders: AR 600-105
Flight surgeon responsibilities: AR 385-95; AR 40-21; FM 1-301
Flight deviations, reporting: AR 95-1
Float equipment: AR 750-1
FOD ramp check: AR 385-95
Force development, user field test, experiments, and evaluations: AR 71-3
Forward area refueling and rearming point (FARRP): FM 1-112
Freight: TM 38-236 (Preparation of Freight for Air Shipment)
Fuel: TM 55-9150-200-24 (Engine and Transmission Oils, Fuel and Additives for Army Aircraft)
Fuel and oils and additives for aircraft: TM 55-9150-200-24
Fuel disposal: FM 10-68
Fuel expanding due to temperature change: TM 5-678
Fuel leaks, vehicle: AR 385-55 (no Army vehicle will be operated unless it is entirely free of fuel leaks)
Fuel reserve, VFR and IFR: AR 95-1
Fuel sampling: FM 10-68 (Aircraft Checklist)

Fuel spills: AR 200-1; FM 10-71, change 2; AR 420-90
Flying club aircraft: AR 215-1
Flying time, logging of: AR 95-1

G

General aircraft maintenance manual: TM 55-1500-204-23, volumes 1 through 10
Ground aircraft accident defined: AR 385-40
Ground operation of aircraft: AR 95-1
Ground rod, ohmic test: FM 10-68; TM 5-811-3
Ground support equipment: TM 55-1500-204-23-1
Ground support equipment licensing: TB 600-1, para 3
Grounding of aircrewmember, drugs, shots, blood donations: AR 40-8
Grounding parked aircraft: AR 95-1; TM 55-1500-204-23-1
Grounding of equipment: FM 5-511; TM 55-1500-204-23-1
Grounding rods: FM 10-68
Grounding techniques: FM 10-68; TM 55-1500-204-23-1

H

Hard signals: AR 95-1; FM 21-60
Hazard analysis: MIL-STD-882A
Hazard, grounding of test equipment and electrical equipment: TM 1-511; TM 55-1500-204-23-1; National Electrical Codes ART 250-45d
Hazard, operational report (OHR): AR 385-95
Hazardous cargo in military aircraft: AR 95-27; TM 38-250
Hazards, physical, identified and color coded: AR 385-30
Hazard, power sources color coding: AR 385-30
Hazard reporting: AR 385-10
Health hazard control laser radiation: TB Med 524; AR 40-46
Hearing conservation: TB Med 40-501; FM 1-301
Helicopter external loads: FM 55-450-3, -4, -5
Helicopter and airfield air traffic activity report: AR 95-2
Heliport and airfield facilities marking: TM 5-823-4
Hellfire missile equipment, AH-64A: TM 9-1427-475-20
Helmets, painting and marking: TM 10-8415-206-12&P (SPH-4)
Helmets, use of: AR 95-1; DA Pam 40-501

Helmets, flying, protective: TM 10-8415-206-12/P

Historical data for aircraft components requiring maintenance management:

TB 55-1500-307-24

Hoist rescue maintenance manual: TM 10-8415-206-12

Hot end inspection: TM 55-2840-234-24/2

Hot work permit: AR 420-90; DA Form 5383-R

Human engineering design criteria for military system equipment and facilities: MIL-STD-1472

Human Engineering Design Data Digest: U.S. Army Missile Command, Redstone Arsenal, Alabama 35809

Human engineering requirements for military systems, equipment, and facilities: MIL-H-46855

Hurricane evacuation (aircraft): AR 95-87

Hydraulic mule: TM 55-4920-384-13&P

Ice removal from ramps and runways: TM 5-330

Icing conditions, flight into: AR 95-1

IFR: AR 95-1

IFR alternate requirement: AR 95-1

IFR and VFR flight plan (composite): AR 95-1; FLIP

IFR flight rules: AR 95-1

IFR weather minimums: AR 95-1

Ignitors and spark plugs: TB 55-2925-200-25

Improper shipping: DA Pam 700-3 (Use of SF-364)

Individual flight record file (IFRF): AR 95-1

Information privileged: AR 385-95

Inspectors rubber stamps: TM 38-750, para 10-5

Installations, master planning: AR 210-20

Instructor pilots duties and orders: AR 210-20

Instructor pilots selection: AR 95-1; AR 385-95

Instrument flight examiner: AR 95-1

Instrument flight trainer: TM 55-6930-200-10 and -20 (1-CA-1)

Instrument marking: TM 55-1500-345-23

Instrument program: AR 95-1

Instrument, aircraft: DA Pam 25-30

Instrument, required equipment: AR 95-1

International distress signal: DOD FLIP IFR Supp; FAA Airman's Information Manual

Investigating and reporting of U.S. Air Force mishap: AF Reg 127-4
Investigation board, Army aircraft accident: AR 385-40; AR 385-95
Investigation tool kit, aircraft crash TK (NSN 5180-00-903-1049); SC
5180-99-CL-A11

J-K

Jacks: TM 55-1730-202-14 (hex tripod, type B-5)

L

Laser radiation health hazard control: TB Med 524; AR 40-46
Life rafts (PL-41) and life preservers: AR 95-3; TM 5-4220-201-12 for B7;
TM 55-1500-204-23-1; TM 55-8465-206-23; TM 55-1680-317-23/P
Life support equipment: AR 95-3; AR 385-95; TM 1-1500-204-23-1
Lifting devices, inspection, testing and maintenance: TB 43-0142 (Lifting/Stacking):
Proper lifting method: DOD 4145.19-R-1, para 6-114(a)
Mechanical means to handle heavy objects: DOD 4145.19-R-1, para
6-112 (a-b)
Precautions for manual handling: DOD 4145.19-R-1, para 6-114(b)
Forklift truck safety rules: DOD 4145.19-R-1, para 6-112(c)
Flammable materials: DOD 4145.19-R-1, para 6-117(a)(2)
Stacking of boxes and crates: DOD 4145.19-R-1, para 6-109
Lighting Army aircraft runways, and heliports: TM 5-823-4
Lighting Army aviation airfields, heliports, and helipads: TM 5-811-5
Lighting, tactical for aircraft landing area: FM 1-203; FM 1-400; TM
5-823-4
Lights, aircraft exterior: AR 95-1
Limitation and man-hour repair, Army aircraft: TB 43-0002-3
Limited use accident/aircraft mishap report marking: AR 385-40
Link trainer: TM 55-6930-200-10 and -20 (trainer-CA-1)
Link trainer records: TM 38-750; TM 55-1680-317-23P
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Logging of flight time: AR 95-1
Lost or destroyed IFR: AR 95-1

M

Maintenance activities, TDA support maintenance: DA Pam 750-13
Maintenance of Army aircraft, organizational maintenance: FM 1-500
Maintenance concepts and policies: AR 750-1; TM 38-750; DA Pam 738-750
Maintenance expenditure limitation for aircraft: TB 43-0002-3
Maintenance float equipment, electronics: AR 750-1
Maintenance inspection system: TM 1-1500-328-23
Maintenance management (maintenance management and production control): FM 1-500
Maintenance officer responsibilities: AR 385-95
Maintenance quality control and tech inspection guide for Army aircraft: FM 1-511 (Shop Inspection Procedures), p. 82
Maintenance support, aircraft: FM 1-500
Maintenance test pilot: AR 95-1; FM 1-544; TM 1-1500-328-23
Malfunction involving ammo and explosives: AR 75-1
Man-material system, human factors engineering problems: AR 602-1
Management of Army aircraft: AR 95-1
Man-hour limitation for Army aircraft: TB 43-0002-3 (labor cost)
Marking contents of aircraft accident report FOUO: AR 25-55; AR 385-95
Marking, Army airfield/heliport operational and maintenance facilities: TM 5-823-4
Marking of fire lanes in hangar: AR 385-30; FM 1-511; National Fire Code
Marking fuel container: AR 385-30; FM 10-69
Marking ground support equipment: AR 750-1; TM 55-1500-204-23-1; AR 385-30
Marking and painting Army aircraft: TM 55-1500-345-23
Marking of photographs: AR 385-95
Marking of military vehicle: AR 750-1; TB 43-0209
Markings, safety: AR 385-30 (safety color marking and signs); AR 750-1
Masks, protective: AR 95-1; TM 3-4240-279-10
Medevac of civilians: DOD 4514.13-R (local commands have authority)
Medical, aircraft first aid kits: TM 1-1500-328-23
Medical aspects of Army aircraft accident investigations: AR 40-21
Medical fitness standards: AR 40-501
Medical officer (aviation) responsibilities: AR 385-95
Medical restriction/suspension from flight duty, nonmedical suspension, flying evaluation boards, and flight status review system: AR 600-106
Medical treatment of aircrewmen: AR 40-8

Membership in flying clubs: AR 215-1
Messages (PRAM, etc.), use of Western Union: AR 385-40
Metal container: TB 55-8100-200-24 (maintenance of reusable metal containers for aircraft equipment)
Metal particles: TM 55-1500-204-23-1
Microwave radiation control: TB Med 523
Military correspondence: AR 340-10
Military pyrotechnics: TM 9-1300-200; TM 9-1370-203-20/P; TM 9-1370-207-10; TM 9-1370-206-10; TM 55-1500-204-23-1
Mishap investigation, reporting and recordkeeping: AR 395-40; AR 385-95; DA Pam 385-95
Mishap prevention: AR 385-10; AR 385-95; Commanders' Aviation Mishap Prevention Plan (available from Army Safety Center, ATTN: CSSC-IM, Fort Rucker, AL 36362-5363)
Missile equipment, Hellfire: TM 9-1427-475-20 (AH-64A)
Missile, guided TOW, M65: TM 9-1425-473-20
Missing aircraft: AR 385-40
MOS, pilot awarded: AR 95-1; AR 611-101; AR 611-112
MOS requirement: AR 611-101; AR 611-112
Moving and taxiing of aircraft: AR 95-1
Multi-engine operations: AR 95-1
Mutual support: AR 11-22

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National Guard aircraft accident: AR 385-40
National Guard aircraft operation: AR 95-1
Naval aircraft mishap reporting procedures: OPNAV Instruction 3750.66
Navigational aids: AR 95-2
New aircraft: AR 385-95
Newsletters: AR 25-1 (chapter 9); AR 25-30
Night flying techniques and procedures: TC 1-204
Noise and conservation of hearing: FM 1-301; DA Pam 40-501
Nomex clothing authorization: CTA 50-900; DA Pam 385-3
Nomex thread for repairs: TM 10-8400-201-23
Nonaviator personnel qualifications: AR 95-1
Nondestructive inspection methods: TM 55-1500-335-23
NTSB responsibilities involving military and civilian aircraft accidents: AR 95-30
NVG training and operations: Appendix E (Draft), TC 1-204; NVG

Exportable Training Package 9420-6

O

Obstruction marking and lighting: TM 5-823-4

OHR (Operational Hazard Report): AR 385-95

Oil Analysis: AR 700-132; TB 43-0106 (Spectrometric Oil Analysis)

Oils: TB 55-9150-200-24 (Engine and Transmission Oils, Fuel and Additives for Army Aircraft)

Oil and fuel for aircraft: TB 55-9150-200-24

Operational Hazard Reports (OHRs): AR 95-1; AR 385-95; (DA Form 2696-R is in AR 385-95)

Operations, aircraft: AR 385-95; FM 1-300

- a. Mission planning
- b. Mission scheduling
- c. Crew selection
- d. Aircraft selection
- e. Weather

Operations by nonaviator personnel: AR 95-1

Operations of aircraft at other installations: AR 95-1

Operations, flight: FM 1-300

Order suspending flight status: AR 600-106

Orders:

- a. Maintenance test pilot: AR 95-1
- b. Taxi and runup: AR 95-1
- c. Tech inspector: TM 38-750
- d. Weight and balance: AR 95-3
- e. Property book officer (or representative): AR 710-2
- f. Maintenance officer: AR 95-1
- g. Test director: TB 43-0142
- j. Safety officer and NCO: AR 385-10
- k. FOD officer: AR 385-95

Orders for flight status: AR 600-106

Organizational and equipment tables: AR 570-2

Organizational maintenance for aircraft: FM 1-500

Overdue aircraft: AR 385-40; FM 1-300

Oxygen equipment, maintenance: TM 55-1660-245-13

Oxygen, requirement for: AR 95-1

Oxygen servicing: AR 700-68; TM 55-1500-204-23-1

P

Packing and handling deficiencies: DA Pam 700-3 (SF 364)
Paint storage: OSHA 1910.107; TB 746-3-2
Painting and marking of Army aircraft: TM 55-1500-345-23
Painting and marking of Army equipment: AR 750-1; TB 43-0209; AR 385-30
Parachute clubs, Army air support for: AR 95-1; AR 215-2
Parachute maintenance: AR 750-32; TM 10-1670-201-23
Parachute, use of: AR 95-1; FM 55-220
Parking and mooring of aircraft: TM 1-1500-204-23-1
Passengers of flying clubs: AR 215-2; FM 1-300
Pay, flight certification: AR 95-1
Penetrate inspection: FM 1-511
Personnel required to make aerial flight: AR 95-1
Photographic sets: TM 11-400
Photographic, marking, captioning: AR 385-95
Physical, flight: AR 40-501
Pilot-in-command of aircraft: AR 95-1
Pilot MOS awarded: AR 95-1; AR 611-101; AR 611-112
Pilot refresher training: appropriate ATM; AR 95-1
Pilot authority to fly Army aircraft: AR 95-1
Pilot authority to fly civilian aircraft: AR 95-1
Pinpoint distribution, aviation publications: AR 25-1; AR 25-30; DA Pam 310-10; DA Forms 12-31 and 12-36 (aviation and avionics)
Pitot-static system tester: TM 55-4920-320-30P
Planning and design of roads, airbases, and heliports in theater of operations: TM 5-330
Planning for permanent Army installations: AR 210-20
Planning of Army aviation facilities: TM 5-803-4
Planning terrain flight: FM 1-203
Plans, flight, disposition of: FM 1-300
POL-handling equipment and operations: FM 10-68; FM 10-69; FM 10-71 (tank vehicles)
POL inspecting and testing: FM 10-70
POL organization maintenance: FM 10-20
POL supply company: FM 10-427
POL supply and maintenance activities: DA Pam 25-30
POL tanker: FM 10-71
POL basic Army policies and procedures: DA Pam 25-30
Policies, digest of depot operation: DA Pam 25-30

Position report, VFR: AR 95-1; FLIP

Post-accident flight evaluation: AR 95-1

**Preparation of equipment for shipment, color and marking: AR 746-1;
AR 750-1**

Preparation for shipment:

- a. AH-64: TM 55-1520-241-S
- b. AH-1: TM 55-1500-339-S
- c. CH-47: TM 55-1520-214-S
- d. OH-58: TM 55-1500-338-S

Privileged information: AR 95-1; AR 385-40

Production control management: FM 1-500

Proficiency requirement: appropriate ATM; AR 95-1

Program safety: AR 385-10; AR 386-16 (system safety); AR 385-95; DA Pam 385-1 (unit)

Protective clothing: AR 385-10; AR 670-1; DA Pam 385-3; FM 21-18

Public affairs, public information: AR 360-5

Publications, ARNG: NGB Pam 310 (Each TOE and authorized -10 for each aviator/crew member, each aircraft, each AASF (military publications admin guidance for ARNG)

Publication, technical in aircraft: DA Pam 25-30

Purging of fuel cells: TM 55-1500-204-23-1

Pyrotechnic, military: TM 9-1300-200; TM 9-1370-202-12P; TM 9-1370-203-20; TM 9-1370-207-10; TM 9-1370-208-10; TM 55-1500-204-23-1

Q

Qualification training in Army aircraft: AR 95-1; appropriate ATM.

Qualification: AR 95-1

Qualification of nonaviator personnel: AR 95-1

Quality control and technical inspection guide for Army aircraft: FM 1-511

R

Radiologic, laser health hazard control: TB Med 524; AR 40-46

- a. Radioactive material, aircraft: TB 43-0108
- b. Radioactive protection officer: TB 43-0108 (handling storage and disposal of self-luminous aircraft instrument and markers of aircraft engine ignition exacter unit containing radioactive material)

Ramp check: FM 1-300; AR 385-95 (ramp check required daily)
Rates, accident: AR 385-40
Rating (efficiency report of aviation safety officer): AR 623-105
Records, aircraft: DA Pam 738-751
Records and forms (TAMMS): TM 38-750
Recovery, aircraft: FM 43-5; FM 1-500; FM 1-513
Reflective tape marking: TM 55-1500-204-23-1
Refresher training, pilot: appropriate ATM
Refueling operations: FM 10-68
Relations, community: AR 360-61
Release of accident report information: AR 27-40; AR 385-40
Repair cost estimates: TB 43-0002-3
Repair kits, aircraft components: TM 1-1500-328-23
Repair limitations for Army aircraft: TB 43-0002-3
Reporting procedures, aircraft accident: AR 95-1; AR 385-40
Reporting, file time: AR 25-400-2
Required equipment (IFR): AR 95-1
Required equipment (VFR): AR 95-1
Research and development, human factors and social science research:
 AR 70-8
Research and development, test and evaluation during research and
 development of materiel: AR 70-10
Reserves, maintenance of equipment: AR 750-1
Rescue and firefighting procedures in theater of operations: TM 5-315
Respiratory protection program, Army: AR 11-34
Restriction of passengers during flight: AR 95-1
Reusable aircraft container: TB 55-8100-200-24
Rockets:
 a. 2.75: TM 9-1340-22-20
 b. M20A1: TM 9-1055-201-35
 c. M270: TM 9-1425-646-BD
 d. XM202: TM 3-1055-218-12
Rubber stamp inspectors: TM 38-750, chap 10, para 5
Runup of aircraft by nonrated personnel: AR 95-1

S

Safety belt and shoulder harness: AR 95-1; TM 55-1500-204-23-1
Safety council: AR 385-10; AR 385-95
Safety council, enlisted: AR 385-95

Safety of flight message: AR 95-1; AR 95-2
Safety management, unit: DA Pam 385-1
Safety procedures (pilot): AR 95-1
Safety program: AR 385-10; AR 385-40
Safety program, Army: AR 385-10
Safety rules for flying display: AR 360-5; AR 360-6; DOD 4515-13R
Safety schools: AR 385-95
Safety signs: AR 385-30
Safety color code markings and signs: AR 385-30
Safety survey: AR 385-95; Guide for Improved Operational Readiness
Through Mishap Prevention (USASC)
Safety wiring (electronics): TM 1-1500-328-23; appropriate aircraft II
series manual
Safety wiring: TM 55-1500-324-23-1 (on emergency devices); TM 1-1500-
328-23 (first aid kits)
Seatbelts in vehicles: AR 385-55; AR 600-55
Security, crash site: AR 385-95
Shipping, improper: DA Pam 700-3 (SF 364)
Shoes, taps on: TM 55-1500-204-25/1
Shots, blood donations, drugs, grounding of aircrew: AR 40-8
Sign, "NO SMOKING" and "DESIGNATED SMOKING AREA":
AR 600-63
Single-engine operation: AR 95-1
Signals, visual: FM 21-60
Sky diving, use of Army aircraft in support of: AR 95-1
Sling inspection: FM 55-4501/2
Slingloads: FM 55-450-3, -4, -5; FM 1-500; FM 1-513; TM 55-1670-
251-20P
Slippage marks: TM 55-1500-204-25/1, chap 3
Sludge in engine oil (recep): TM 55-1500-204-25/1 (oil treatment of recept
engine)
Smoke detection system: AR 420-90
Smoking by aircrewmen: AR 40-8; AR 95-1; AR 600-63
Smoking in shops, garages or motor pool: AR 385-55
Smoking, designated areas: AR 600-63
Snow removal on landing strips: TM 5-330
Spark plugs and igniters: TM 55-1500-204-23-1; TB 55-2925-200-25
(spark plug service and maintenance instruction and list of approved
spark plugs and igniters for Army aircraft spark plug copper runout)
Spectrometric oil analysis: AR 750-1; AR 750-43; TB 43-0106
Staff responsibility: AR 385-40
a. Command safety director

- b. Aviation officer
- c. Aviation safety officer
- d. Army aviator
- e. Aviation maintenance officer

Stamps, FOUO markings on all contents of accident report: AR 385-95

Stamps, rubber, inspectors: TM 38-750, chap 10, para 10-5

Standard maintenance: TM 55-1730-201-12, tube B-1 (NSN 1730-00-390-5618)

Standardization, pilot: AR 95-1; ATM; operators manuals

Standardization program: AR 95-1

Statement, witness: AR 385-95

Static displays: AR 360-5; AR 360-61; DOD 4515.13R

Storage, ALSE equipment: FM 1-508

Submerged aircraft: TM 55-1500-344-23

Supervision: AR 385-95

Supervision, ATC facilities operations: AR 700-4

Support, manual: AR 11-22

Surveys, aircraft accident and prevention, responsibility and authority:
AR 385-95

Survival kits, Army aircraft: TM 55-1680-317-23&P

Survival, unit training: AR 350-30; FM 21-76

System safety (DOD): Mil-Std-882A; AR 385-16; DA Pam 385-16

Sympathy, letter of: AR 600-8-1-6

T

Tag, identification, wearing of: AR 95-1; AR 640-3

Tagging of first aid kits: TM 1-1500-328-23

TAMMS-A, The Army Maintenance Management System (Aviation):

DA Pam 738-751

Tail rotor balancing machine: TM 55-4920-321-15

Tanker, POL: FM 10-71

Tape, reflective marking: TM 55-1500-204-23-1

Taps on shoes: TM 55-1500-204-23-1

Tasks and functions of USASC: AR 10-88

Taxiing of Army aircraft: AR 95-1

Teardown and analysis: AR 385-95

Technical publications in aircraft: DA Pam 25-30

Technical inspection, maintenance quality control guide for Army aircraft:

TM 1-511

Temporary flying restriction due to exogenous factors: AR 40-8
Terminal air navigation and ATC facilities and procedures: AR 95-2
Terminating pilot active-duty status: AR 135-175
Test flights: FM 1-511; TM 1-1500-328-23
Test pilots, maintenance: AR 95-1; TM 1-1500-328-25
Testing program, blood and urine (alcohol and drug abuse prevention):
AR 600-63; AR 600-85
Tires, aircraft: TM 55-2620-201-24 (selection criteria for aircraft tires to be
returned for repair and retread, aircraft tires); TM 55-1500-204-25/1
(storage)
Tires, aircraft and inner tubes, inspection, maintenance, storage, disposition,
and application: TM 55-2620-201-24
Tools: TM 9-243; TM 55-2840-229-23; TM 55-2840-233-24; TM 55-2840-
234-24/2
Tools, identification and marking: AR 710-2
Training, Army: AR 350-1
Training, aviation personnel: AR 385-95
a. IP selection
b. Standardization
c. Combat readiness flying
d. New aircraft
e. Climate and terrain training
f. Survival
g. Safety meeting
h. Supervision
Training and qualification in Army aircraft: appropriate ATM
Training of drivers of POL tank vehicle: FM 10-68
Training, single-engine operations: AR 95-1
Transport: FM 55-450-3, -4, -5 (external transport procedures)
Transport: FM 55-450-2 (internal transport procedures)
Transport, aerial recovery: FM 1-513
Treatment (medical) of aircrewmen: AR 40-8
Troubleshooting and repair of radio equipment: TM 11-4000

U

Unit-level aviation safety requirement: AR 385-95
Unit safety management: DA Pam 385-1
Unit safety meeting: AR 385-95

Urgency and distress signals: DOD FLIP; IFR Enroute Supplement; FAA

Airman's Information Manual

Urine sampling (drug abuse): AR 600-85

Use of airports: AR 95-1

Use of Army aircraft: AR 95-1

USASC assistance: AR 10-88; AR 385-95

USASC mission authority: AR 10-88

V

Vehicles:

Sleeping under vehicles: DA Pam 385-1

Vehicle spacing: DA Pam 385-1

Preparation for towing: TM 9-4910-593-12&P

Length of tow bar: TM 9-4910-593-12&P

Lifting and towing vehicle: TM 9-4910-593-12&P

Handling cables: FM 20-22

Use of safety keys: FM 20-22

Inspecting rigged equipment: FM 20-22

Operator/driver safety (latches): FM 20-22

Guide or signalman: FM 20-22

Towing tracked vehicle: FM 20-22

Wrecker vs. recovery vehicle: FM 20-22

Maximum driving time: AR 385-55

Jumping from vehicle: AR 385-55

Training responsibility: AR 385-55

Vehicle, driver selection, testing, licensing: AR 600-55

Vehicle, fuel leaks: AR 385-55 (no Army vehicle will be operated unless it
is entirely free of fuel leaks)

VFR and IFR composite flight plans: AR 95-1; DOD FLIP

VFR flight rules: AR 95-1

VFR required equipment: AR 95-1

VFR weather requirements: AR 95-1

Vibration: TM 55-4920-243-15 (maintenance kit, T53, T55, and T63, NSN
4920-00879-0331

Vibrex balancing kit inspections: TM 55-4920-402-13&P

Violations, reporting flight: AR 95-1

VIP civilian passengers flight authorization: AR 95-1

Visual hand signals: AR 95-1

W-X-Y-Z

Waivers to annual requirements: AR 95-1

Warrant officer MOS: AR 611-112

Waste oils: AR 385-30; FM 10-69 (paint head of drum yellow and mark waste product and indicate actual product stored)

Water, aircraft submerged in: TM-55-1500-344-23

Water safety: AR 385-15

Weapons handling:

Carrying of firearms: AR 190-14

Loaded/unloaded weapons, carrying: FM 23-35

Weather briefing, flight plans: AR 95-1

Weather (meteorology) for Army aviation: FM 1-300

Weather officer (AF): AR 115-10/AFR 105-3 (MET Support for U.S.Army)

Weather, reporting of unforecast conditions: AR 95-1

Weather, requirement, VFR: AR 95-1

Weather, requirement, IFR: AR 95-1

Weighing kit, aircraft: TM 55-6670-200-14; TM 55-6670-201-14P

Weight: TB 55-46-1 (standard characteristics COM-weight-cube for transportability of military vehicle and equipment)

Weight and balance: AR 95-3; TM 55-1500-342-23

Weight testing of lifting devices: TB 43-0142

Wing, Broken Wing Award: AR 672-74

Wire strike avoidance: FM 1-300

Witness statement: AR 385-95